

Movie Screenings

1 The First Picture of Mars

The quest to unmask Mars is nearly as storied as the planet itself. And no mission to Mars was more exciting than the first one 50 years ago. Go back in time to experience Mariner 4, when we saw Mars up close for the first time.

Building 180, First-Floor Conference Room
Times — Approximately every 30 minutes
Length — 20 minutes

4 Crazy Engineering

At JPL, we have to solve problems that nobody's ever solved before, and sometimes the solutions can seem, well, a little crazy. Think ion thrusters are just Star Trek sci-fi? How about a Martian helicopter? Learn about some of the "crazy engineering" going on at JPL.

Building 167, First-Floor Conference Room
Times — Approximately every 30 minutes
Length — 20 minutes

8 JPL Up to the Minute

Want the latest news on those rovers on Mars? That mission to Jupiter? The chances of an El Niño this year? And what are those bright spots on the dwarf planet Ceres? All this and more when you watch "JPL Up to the Minute."

Building 186, von Kármán Auditorium
Times — Approximately every 30 minutes
Length — 20 minutes

18 20 Years of Discovering Alien Worlds

This year we celebrate the 20th anniversary of the discovery of 51 Pegasi b — the first planet found orbiting a sun-like star. In the last 20 years we have discovered thousands of new worlds: planets with two suns, rogue planets with no star, close cousins to planet Earth. Come learn about these exotic worlds.

Building 321, Room B20
Times — Approximately every 30 minutes
Length — 20 minutes


19 Journey to the Planets and Beyond

Travel through the solar system and beyond with some of JPL's most exciting missions in this spectacular movie. Narrated by Harrison Ford.

Building 321, Pickering Auditorium
Times — Approximately every 30 minutes
Length — 20 minutes

Make the Most of Your Visit to JPL

It's not unusual for up to 20,000 people per day to come to JPL during our Open House. Our visitors have great experiences, but making your time here enjoyable may require patience — and planning. Here are some suggestions to get the most out of your day.

- Use your smartphone or tablet and try out JPL's Open House web app to navigate the Lab. It provides real-time information on wait times at various sites, as well as directions to restrooms, food concessions, and other amenities.
- Activities for young children are marked  in the site listings. Do keep in mind that most experiences at JPL's Open House are not intended for the very young.
- Need help? Look for JPLers in bright red JPL-Caltech shirts with name tags. Information booths are also located around the Lab, as shown on the map.
- Remember as you plan your visit that Open House ends at 4 p.m.
- The longest lines are usually at the Spacecraft Assembly Facility — the cleanrooms where we build spacecraft — and the Space Flight Operations Facility, where we communicate with all our missions. Keep this in mind if you want to include these sites in your day at JPL.
- Five movies will be shown throughout the day. The lines at these screenings can be shorter than other lines, and the movies offer a way to get off your feet in a cool place for a half hour while learning more about JPL missions.



JPL 2015 Open House

Discovering NEW Worlds

Jet Propulsion Laboratory
California Institute of Technology

Open House Web App

Want real-time advice on what to see at JPL's Open House and how long the waits are? Try our Open House web app! Type jpl.nasa.gov/oh into your smartphone or tablet browser.*

No download needed!
Works on any web browser
jpl.nasa.gov/oh

Explore the map
Find exhibits and services, including restrooms and concessions

Avoid the lines
We'll tell you how long the lines are so you can make the most of your day



It's all at your fingertips!
Easily access the map, exhibit list, info, notifications, feedback and social media

Know where you are
Find your location with the click of a button

Discover more
See site descriptions, photos, videos and related exhibits, and rate exhibits!

*Requires cellular network access. Data rates may apply.

Download our free apps and interactives



Space Images



Images of Change



Spacecraft 3D



Earth Now



Be A Martian



Cassini



Mars Curiosity



DSN Now



Eyes on the Solar System



Eyes on Exoplanets




Eyes on the Earth

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Ustream.tv/NASAJPL2



bitly.com/jpljobs

We would enjoy hearing about your visit to JPL's Open House

Tell us what you think — Email us at jplpublic@jpl.nasa.gov

www.nasa.gov

Welcome

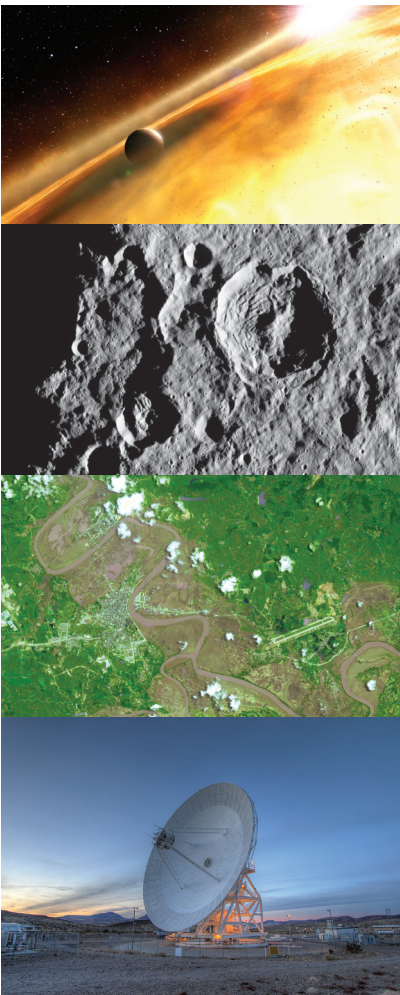
As you experience JPL today, remember that right now rovers are exploring the dust-red surface of Mars. Spacecraft are orbiting ringed Saturn and the dwarf planet Ceres — and studying our own home world, Earth. Telescopes launched into space are discovering planets circling other stars far beyond our own solar system. We are proud to share these accomplishments and others during our Open House.

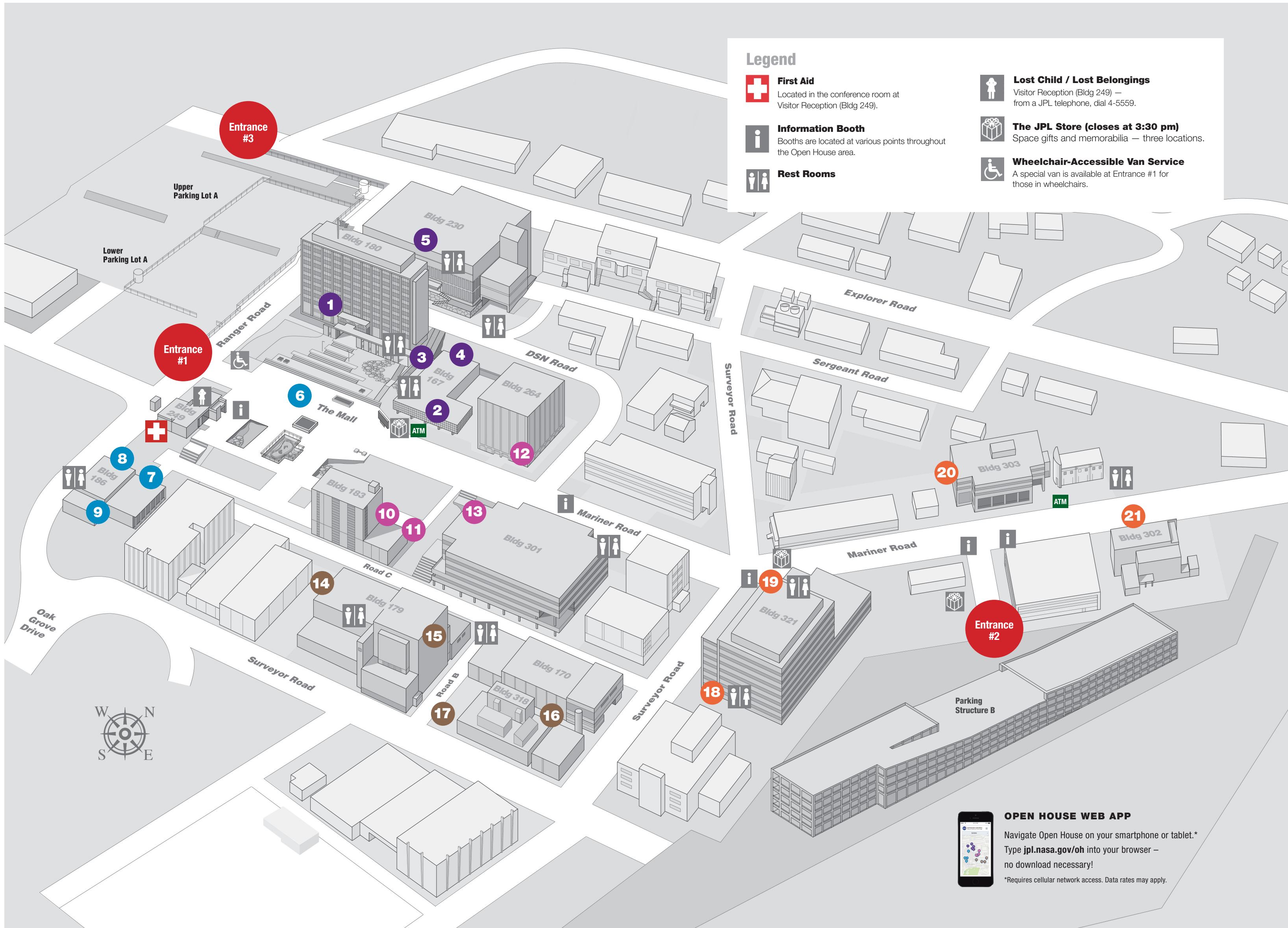
On your visit, you can see high-definition and 3-D videos, exhibits and shows, and chat with engineers and scientists. Younger family members can take part in fun children's activities.

Want to find the shortest lines, or the nearest food stand? To make it easier to get around, we encourage you to try our new JPL Open House web app. Just point your browser on any smartphone or tablet to jpl.nasa.gov/oh. You can find more details on how to use the app on the back of this visitor guide.

Enjoy your visit to JPL from 9 a.m. to 4 p.m. today, and join us as we discover new worlds.

A division of the California Institute of Technology, JPL is a leading research and development center conducting work for the National Aeronautics and Space Administration. JPL is dedicated to the scientific exploration of space and Earth with robotic spacecraft.





Legend



First Aid

Located in the conference room at Visitor Reception (Bldg 249).



Information Booth

Booths are located at various points throughout the Open House area.



Rest Rooms



Lost Child / Lost Belongings

Visitor Reception (Bldg 249) — from a JPL telephone, dial 4-5559.



The JPL Store (closes at 3:30 pm)

Space gifts and memorabilia — three locations.



Wheelchair-Accessible Van Service

A special van is available at Entrance #1 for those in wheelchairs.

Sites

Sites are grouped by color indicating their geographical locations.

The color-coded site numbers and names appear on lightpole banners; follow them to your favorite sites.

Children's activities are indicated by

1

"The First Picture of Mars" Movie *Building 180, First-Floor Conference Room*

The quest to unmask Mars is nearly as storied as the planet itself. And no mission to Mars was more exciting than the first one 50 years ago. Go back in time to experience Mariner 4, when we saw Mars up close for the first time.

2

Earth Right Now: Your Planet Is Changing. We're On It! *Building 167, Cafeteria*

Join us in rediscovering our world. See how JPL engineers and scientists, plus an armada of satellites, aircraft and ships, show us how our planet responds to natural and human-caused changes.

3

Education Office *Building 167, Wellness Center*

Learn about activities and programs that benefit students, teachers and lifelong learners in local communities and across the country through hands-on demonstrations, interactive displays and more.

4

"Crazy Engineering" Movie *Building 167, Conference Center*

Here at JPL, we have to solve problems that nobody's ever solved before, and sometimes the solutions can seem, well, a little crazy. Think ion thrusters are just Star Trek sci-fi? Think again. A Martian helicopter? How could that be? Learn about some of the "crazy engineering" going on at JPL.

5

Space Flight Operations Facility *Building 230*

NASA's Deep Space Network provides 24-hour global communications with spacecraft throughout our solar system. Learn about the history and future of space communications, visit JPL's Mission Control, and interact with scientists and engineers working in the Deep Space Network.

Note: Due to security requirements within the Space Flight Operations Facility, the line for building access closes at 3 p.m.

6

Mars Exploration *Mall Area*

See a full-scale model of the InSight lander, NASA's next mission to Mars, and learn how it will "see" down to Mars' core. Friendly Martians roll rovers over earthlings, share the latest from rovers and orbiters currently at Mars, and showcase future missions such as Mars 2020 and the Asteroid Redirect Mission, which pave the way for the human explorers in NASA's Journey to Mars.

7

von Kármán Visitor Center *Building 186*

View exhibits about JPL missions to the planets and beyond; see a full-scale model of the Galileo spacecraft and a lunar sample brought back by the Apollo 16 astronauts.

8

"JPL Up to the Minute" Movie *Building 186, von Kármán Auditorium*

Want the latest news on those rovers on Mars? That mission to Jupiter? The chances of an El Niño this year? And what are those bright spots on the dwarf planet Ceres? All this and more when you watch "JPL Up to the Minute."

9

Photo Booth *Building 186, Television Studio*

Picture yourself on faraway worlds at JPL's Open House photo booth, featuring stellar backdrops and spaced-out props.

10

Office of Safety and Mission Success *North of Building 183*

View a demonstration of how control of static electricity ensures safety and mission success; learn how JPL is committed to the protection of the environment.

11

JPL Stamp Club *North of Building 183*

JPL commemorative stamp covers and space stamps are featured.

12

Earth Science and Mission Operations Center *Building 264, First Floor*

See "Our Restless Planet" in 3-D. View a demo of "Eyes on the Earth." Tour our new Earth Orbiting Missions Operations Center.

13

Universe Plaza: Discovering New Worlds *Building 301 Plaza*

Learn how NASA missions explore the universe, from discovering new planets to studying stars, black holes, and distant galaxies. See yourself in infrared and check out Eyes on Exoplanets, a virtual tour of the latest exoplanet discoveries!

14

Spacecraft Assembly Facility *Building 179, Highway 1*

JPL's largest "clean room" is a super-fastidious environment where JPL spacecraft and instruments are assembled and tested. See the Juno mission's full-scale, 30-foot-long, spare solar array wing. Juno is the farthest robotic traveler to run on the power of sunlight, and will arrive at Jupiter on July 4, 2016.

15

Spacecraft Assembly Facility *Building 179, Highway 2*

Learn about the "flying saucer" experimental test JPL flew from Hawaii in June. The Low-Density Supersonic Decelerator project is investigating new breakthrough technologies destined for future Mars missions.

16

Spacecraft Fabrication Facility *Building 170*

Learn about spacecraft fabrication and how mechanical, developmental and flight hardware is made for JPL programs and projects.

17

Mobility and Robotic Technologies *Building 318 Parking Lot*

Check out technology rovers and other robots for current and future space missions.

18

"20 Years of Discovering Alien Worlds" Movie *Building 321 (Flight Projects Center), Room B20*

This year we celebrate the 20th anniversary of the discovery of 51 Pegasi b — the first planet found orbiting a sun-like star. In the last 20 years we have discovered thousands of new worlds: planets with two suns, rogue planets with no star, close cousins to planet Earth. Come learn about these exotic worlds.

19

"Journey to the Planets and Beyond" Movie *Building 321 (Flight Projects Center), Pickering Auditorium*

Travel through our solar system and beyond in this spectacular movie narrated by Harrison Ford.

20

Solar System Exploration *Building 303*

From small ocean worlds to gas giant planets, JPL spacecraft are exploring our solar system and beyond. Learn about the missions, talk to scientists and engineers, see spacecraft models and participate in our virtual online experience. Plus, take solar system selfies!

21

Microdevices Laboratory *Building 302*

Here is where engineers and scientists work in the world of the ultraminiature — learn how and why.